

ABSTRACT

5 A fluorescent lamp (10) includes a bulb (2) provided with a pair of
electrode coils (3) at both ends thereof. Each of the electrode coils (3) is
mounted between two lead wires (4a, 4b) held by a bulb-end glass (5). A
means for preventing overheating (20) of the bulb-end glass is mounted
between the lead wires (4a, 4b) located between the electrode coil (3) and the
bulb-end glass (5). The means for preventing overheating (20) includes a
glass member (20) and a first and a second metallic pin (22a, 22b) for
10 supporting the glass member (20). One end of each of the metallic pins
(22a, 22b) is connected to the lead wires (4a, 4b), respectively. Both
metallic pins (22a, 22b) are provided not in contact with each other. Before
the electrode coil (3) in the last period of the life, in which an emissive
coating has been dissipated, is disconnected, the glass member (20) is
15 heated by a conductive heat, a radiant heat, and intermittent pulse
discharge. When the electrode coil (3) is disconnected, the glass member
(20) is melted and ionically conducted. As a result, the bulb-end glass (5) is
not melted, so that the fluorescent lamp can be maintained safely.

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